UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT to the JULY 1978 CLASSIFICATION AND CORRELATION of the SOILS of LAGRANGE COUNTY, INDIANA

JULY 2005

This amendment results from digitizing the LaGrange County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 1

Page 5 - Addition
-Map Unit Symbol and Name: W - Water
Add the map unit symbol name "W - Water" for water areas less than 40 acres in size and water areas more than 40 acres in size.

Page 8 – Replace the 37A dated 10/7/77, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised February 2003.

Only the following standard soil survey features will be shown on the legend and placed on the digitized soil maps:

Feature	Name	Description
GPI	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.
GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area with less than 15 percent fragments. Typically 0.2 to 2 acres.
GUL	Gully	A small channel with steep sides cut by running water through which water ordinarily runs only after a rain, or after ice or snow melts. It generally is an obstacle to wheeled vehicles and is too deep to be obliterated by ordinary tillage.
SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2 acres.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.

Feature	Name	Description
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps:

Label	Symbol_ID	Name	Description
FES	22	Iron accumulation	An accumulation of iron in the form of nodules, concretions, or soft masses on the surface or near the surface of soils. Typically 0.2 to 2 acres.
MUC	30	Muck spot	An area within a poorly drained or very poorly drained soil that has a histic epipedon or where the surface is organic. The spot symbol is used only in map units consisting of mineral soil. Typically 0.2 to 2 acres.
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Indiana Official 37A For
Compilation, Digitizing, and DMF
Revised June 30, 2004

Soil Survey Area: LAGRANGE COUNTY

State: Indiana

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

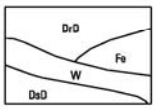
U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Date: JULY 2005

DESCRIPTION	SYMBOL

SOIL SURVEY FEATURES

SOIL DELINEATIONS AND LABELS



STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES

- Bedrock escarpment
- Nonbedrock escarpment
- Gully
- Levee
- Short steep slope
- Blowout
- Borrow pit
- Clay spot
- Closed depression
- Gravel pit
- Gravelly spot
- Landfill
- Marsh or swamp
- Mine or quarry
- Rock outcrop
- Sandy spot
- Severely eroded spot
- Sinkhole
- Slide or slip
- Spoil area
- Stony spot
- Very stony spot
- Wet spot

AD HOC FEATURES (Describe on back)

LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRO	23	
DKS	2		MIA	24	
OVW	3		CGM	25	
VWS	4		HIL	26	
EAS	5			27	
WAS	6		SID	28	
SAS	7			29	
CAF	8		MUC	30	
CAL	9			31	
SLR	10			32	
DUN	11			33	
BRV	12			34	
BRM	13		MRL	35	
BRD	14			36	
OBR	15			37	
SSR	16		SAM	38	
LBR	17			39	
WDP	18		VSE	40	
SBR	19			41	
COB	20			42	
CNS	21			43	
FES	22		UNT	44	

DESCRIPTION	SYMBOL

CULTURAL FEATURES (Optional)

BOUNDARIES

- National, state or province
- County or parish
- Minor civil division
- Reservation (Military)
- Land grant (Optional)
- Field sheet matchline and neatline
- Public Land Survey System Section Corner Tics

GEOGRAPHIC COORDINATE TICK

ROAD EMBLEMS

- Interstate
- Federal
- State

LOCATED OBJECTS

Airport (Label only) — Davis Airport or Airstrip

DESCRIPTION	SYMBOL

HYDROGRAPHIC FEATURES (Optional)

- Drainage end (indicates direction of flow)
- Unclassified stream

Page 13 – Replace the Classification of the Soils table with the following:
LaGrange County, Indiana Soil Classification table amended per Soil Taxonomy 9th edition.
(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Adrian	Sandy or sandy-skeletal, mixed, euic, mesic Terric Haplosaprists
Blount	Fine, illitic, mesic Aeric Epiaqualfs
*Boyer	Coarse-loamy, mixed, superactive, mesic Typic Hapludalfs
Brady	Coarse-loamy, mixed, active, mesic Aquollic Hapludalfs
Brems	Mixed, mesic Aquic Udipsamments
Bronson	Coarse-loamy, mixed, active, mesic Aquic Hapludalfs
Chelsea	Mixed, mesic Lamellic Udipsamments
Conover	Fine-loamy, mixed, active, mesic Udollic Endoaqualfs
Edwards	Marly, euic, mesic Limnic Haplosaprists
Gilford	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Granby	Sandy, mixed, mesic Typic Endoaquolls
Haskins	Fine-loamy, mixed, active, mesic Aeric Epiaqualfs
Hillsdale	Coarse-loamy, mixed, active, mesic Typic Hapludalfs
Homer	Fine-loamy over sandy or sandy-skeletal, mixed, active, mesic Aeric Endoaqualfs
Houghton	Euic, mesic Typic Haplosaprists
Martinsville	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Martisco	Fine-silty, carbonatic, mesic Histic Humaquepts
Metea	Loamy, mixed, active, mesic Arenic Hapludalfs
Morley	Fine, illitic, mesic Oxyaquic Hapludalfs
Nappanee	Fine, illitic, mesic Aeric Epiaqualfs
Oshtemo	Coarse-loamy, mixed, active, mesic Typic Hapludalfs
Palms	Loamy, mixed, euic, mesic Terric Haplosaprists
*Parr	Fine-loamy, mixed, active, mesic Typic Argiudolls
Pewamo	Fine, mixed, active, mesic Typic Argiaquolls
Plainfield	Mixed, mesic Typic Udipsamments
Rawson	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
Rensselaer	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Sebewa	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Argiaquolls
Shipshe	Loamy-skeletal, mixed, superactive, mesic Typic Argiudolls
*Wallkill	Fine-silty, mixed, superactive, nonacid, mesic Fluvaquentic Humaquepts
Wawasee	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Whitaker	Fine-loamy, mixed, active, mesic Aeric Endoaqualfs

Approval Signatures

TRAVIS NEELY	Date	JANE E. HARDISTY	Date
State Soil Scientist/MLRA Leader		State Conservationist	